

FIG. 1

0967574-100300

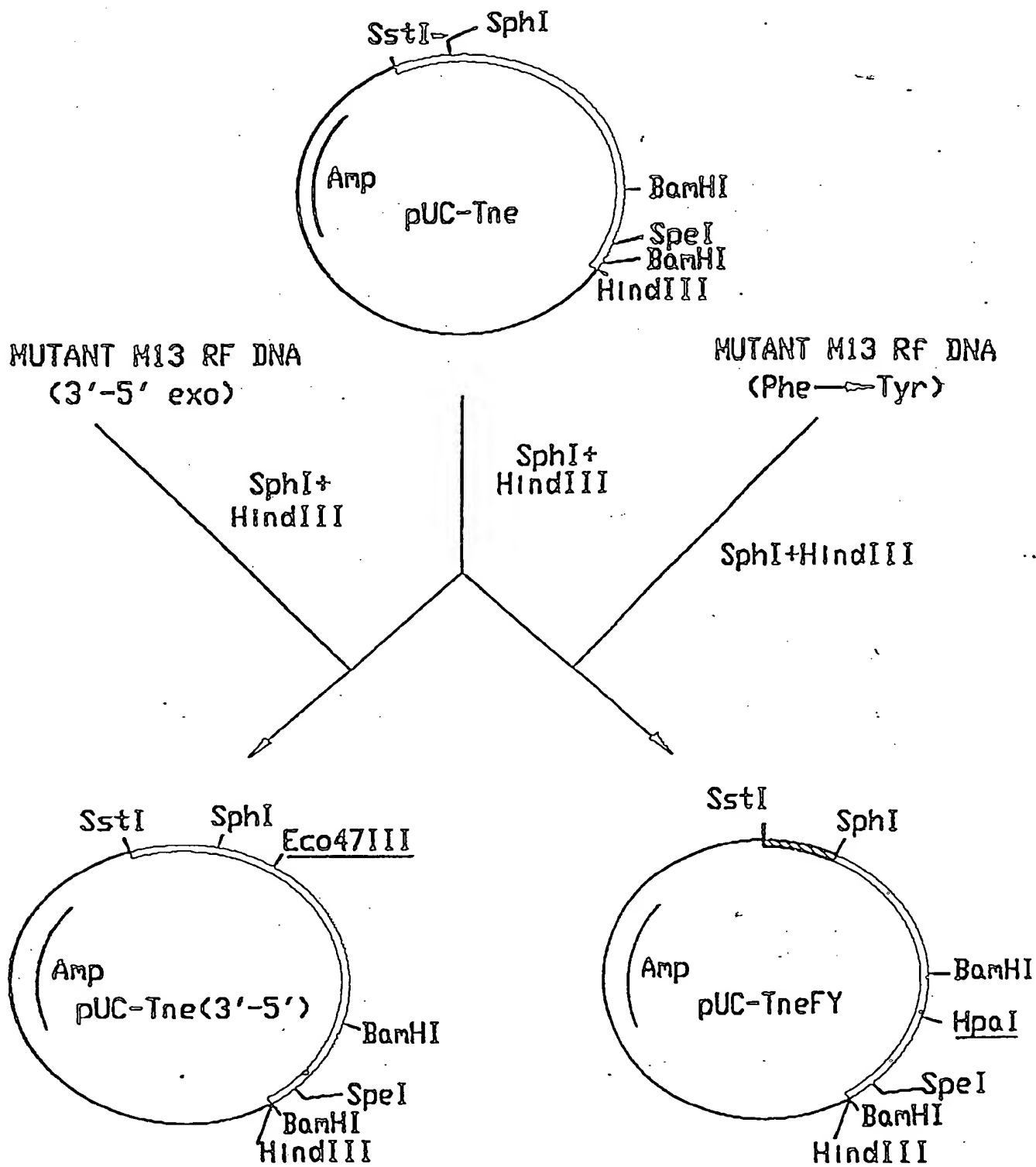


FIG.2.A

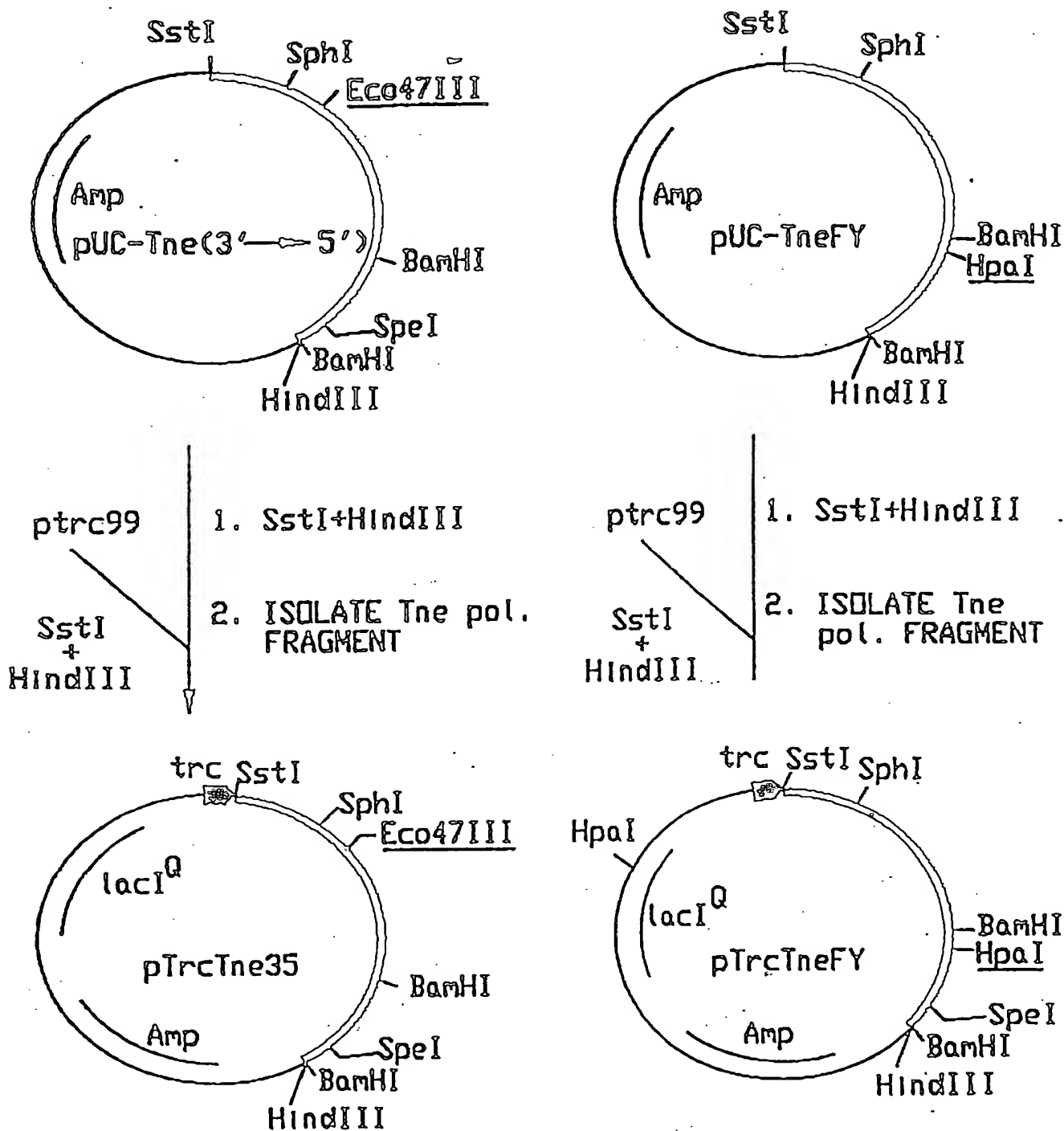


FIG. 2B

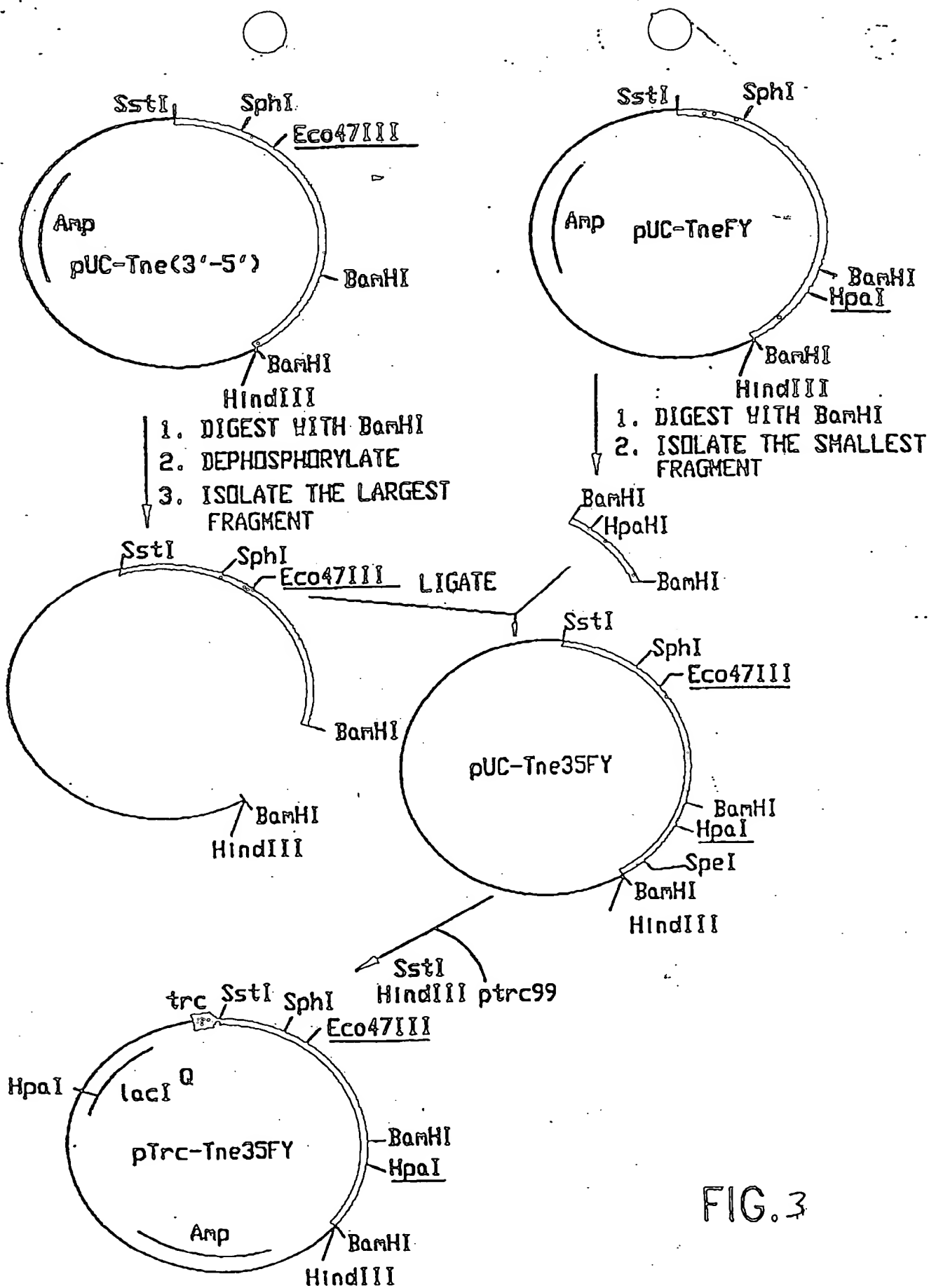
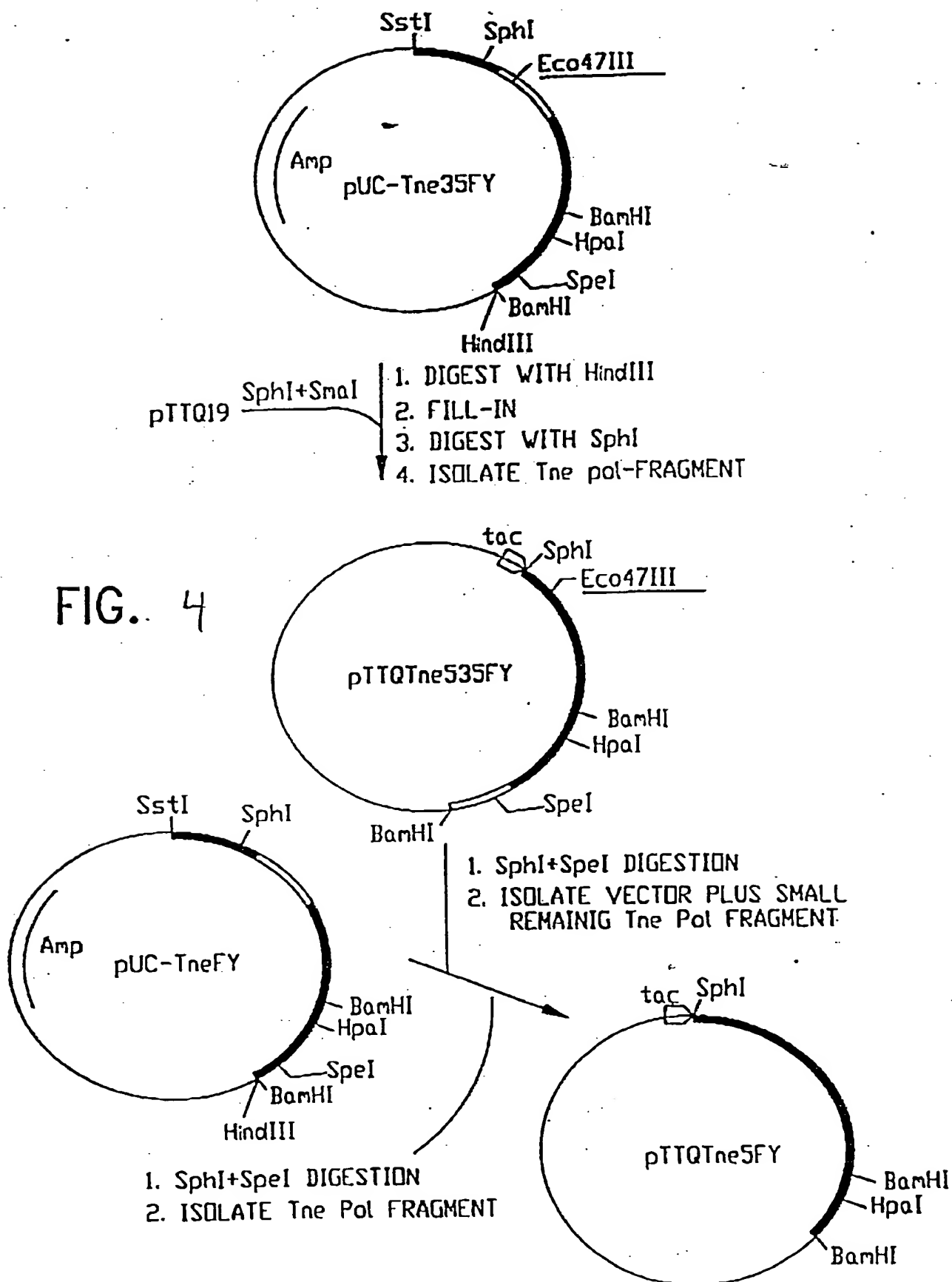
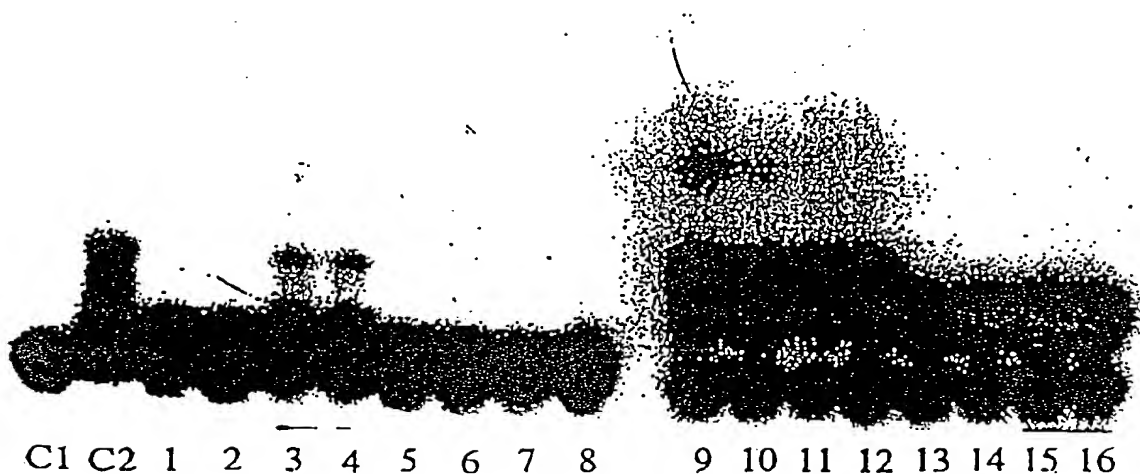


FIG. 3



* CAAGGT
+ dGTP, dCTP, ddATP

* CAAGGT
+ dGTP, TTP, ddATP



C1 Primer alone
C2 Reaction with dGTP, dCTP, TTP, ddATP and Tne DNA Polymerase (D137A, D323A, F730Y)
1.2:9,10 Taq DNA Polymerase
3.4:11,12 Tne DNA Polymerase (D137A, D323A)
5.6:13,14 Tne DNA Polymerase (D137A, D323A, R722Y)
7.8:15,16 Tne DNA Polymerase (D137A, D323A, R722L)

Figure 5

Fig. 6